APPLICATION FRAMEWORK FOR MOBILE DEVICES

Abstract of Disclosure

An application framework for mobile devices is described comprising a three-tier software architecture for wireless devices to allow high-powered backend services to be accessible by low-powered wireless client devices. The present invention defines a layered end-to-end architecture and an application framework, called mobilet framework, for client devices to allow applications to run on wireless devices in a vendor-neutral and platform independent manner. The wireless device may be viewed as a cache or a viewport through which high-end services can be accessed. The cache may be synchronized periodically with the servers and/or service providers through a gateway portal targeted specifically at low-end wireless devices. The mobilet framework for low-end client devices defines an Application Programming Interface as well as an abstraction for platform independent applications called mobilets.

Figures